


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide


Searching within **The ACM Digital Library** with **Advanced Search**: (retrieving and access and format and archival and storage) and (routine... or algorithms) ([start a new search](#))

Found **10** of **272,496**

REFINE YOUR SEARCH

[Search Results](#)
[Related Journals](#)
[Related Magazines](#)
[Related SI](#)

 Sort by [relevance](#)

Results 1 - 10 of 10

[Save results to a Binder](#)

1 [Management of disk space with REBATE](#)

[Shahram Ghandeharizadeh, Douglas J. Terardi](#)

 November 1994 **CIKM '94**: Proceedings of the third international conference

Publisher: ACM [Request Permissions](#)

 Full text available: [Pdf](#) (981.06 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 11, Downloads (All Time): 0

The past decade has witnessed a proliferation of repositories whose work provides on-line access to vast amount of information. These repositories provide on-line access to vast amount of information in many application domains ...

2 [External memory algorithms and data structures: dealing with massive data sets](#)

[Jeffrey Scott Vitter](#)

 June 2001 **Computing Surveys (CSUR)**, Volume 33 Issue 2

Publisher: ACM [Request Permissions](#)

 Full text available: [Pdf](#) (828.46 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 108, Downloads (12 Months): 865, Downloads (All Time): 108

Data sets in large applications are often too massive to fit completely in memory. Resulting input/output communication (or I/O) between fast internal memory and disks can be a major performance bottleneck ...

Keywords: B-tree, I/O, batched, block, disk, dynamic, extendible hashing, multidimensional access methods, multilevel memory, online, out-of-core

3 [TilePic: a file format for tiled hierarchical data](#)

[Jeff Anderson-Lee, Robert Wilensky](#)

 January 2001 **JCDL '01**: Proceedings of the 1st ACM/IEEE-CS joint conference on Digital Libraries

Publisher: ACM [Request Permissions](#)

 Full text available: [Pdf](#) (103.81 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 18, Downloads (All Time): 4

TilePic is a method for storing tiled data of arbitrary type in a hierarchical manner. It is useful for storing moderately large, static, spatial datasets in a manner that is efficient for retrieval ...

4 [Searching the Web](#)

[Arvind Arasu, Junghoo Cho, Hector Garcia-Molina, Andreas Paepcke, Sriram](#)




ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK




[Please provide us with feedback](#)

Found **10** of **272,496**

-  August 2001 **Transactions on Internet Technology (TOIT)** , Volume 1 Issu
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (319.98 KB) Additional Information: [full citation](#), [abst](#)
Bibliometrics: Downloads (6 Weeks): 87, Downloads (12 Months): 561, Downl




We offer an overview of current Web search engine design. After introdu
examine each engine component in turn. We cover crawling, local Web p
analysis for boosting ...




Keyw ords: HITS, PageRank, authorities, crawling, indexing, informatio

- 5 [The architecture of robust publishing systems](#)
 [Marc Waldman](#), [Aviel D. Rubin](#), [Lorrie Faith Cranor](#)
November 2001 **Transactions on Internet Technology (TOIT)** , Volume 1 I
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (680.21 KB) Additional Information: [full citation](#), [abst](#)
Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 51, Download


The Internet in its present form does not protect content from censorship
back to a specific Web server, and usually directly to an individual. As we
publishing a ...

Keyw ords: Censorship resistance, Web publishing

- 6 [Data-intensive computing and digital libraries](#)
 [Reagan Moore](#), [Thomas A. Prince](#), [Mark Ellisman](#)
November 1998 **Communications of the ACM** , Volume 41 Issue 11
Publisher: ACM  [Request Permissions](#)
Full text available:  Pdf (940.56 KB) Additional Information: [full citation](#), [refer](#)
Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 56, Download

- 7 [Automatic content-based retrieval of broadcast news](#)
 [M. G. Brown](#), [J. T. Foote](#), [G. J. F. Jones](#), [K. Sparck Jones](#), [S. J. Young](#)
January 1995 **MULTIMEDIA '95: Proceedings of the third ACM internationa**
Publisher: ACM  [Request Permissions](#)
Full text available:  Html (51.60 KB) Additional Information: [full citation](#), [refer](#)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 47, Download


Keyw ords: ATM, atm, browsing, content-based retrieval, information re
subtitles

- 8 [Fast detection of communication patterns in distributed executions](#)
[Thomas Kunz](#), [Michiel F. H. Seuren](#)
November 1997 **CASCON '97: Proceedings of the 1997 conference of the C**
research
Publisher: IBM Press
Full text available:  Pdf (4.21 MB) Additional Information: [full citation](#), [abst](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 340, Download

Understanding distributed applications is a tedious and difficult task. Visualizations are often used to obtain a better understanding of the execution of the application. For example, a Poet, an event ...

9 [Long term preservation of digital information](#)

 [Raymond A. Lorie](#)

January 2001 **JCDL '01**: Proceedings of the 1st ACM/IEEE-CS joint conference on

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (189.10 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 53, Downloads (12 Months): 254, Download

The preservation of digital data for the long term presents a variety of challenges, both technical and organizational. The technical challenge is to ensure that the information, changes in storage media, ...



Keywords: archival, digital documents, digital information, digital libraries

10 [MAESTRO: conductor of multimedia analysis technologies](#)

 [CORPORATE The SRI MAESTRO Team](#)

February 2000 **Communications of the ACM**, Volume 43 Issue 2

Publisher: ACM  [Request Permissions](#)

Full text available:  Html (33.60 KB),  Pdf (665.60 KB) Additional Information: [full citation](#), [index text](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 43, Download

The ACM Portal is published by the Association for Computing Machinery. Copyright ©
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)